

FIG. 1

09040026 032698  
869270 92084050

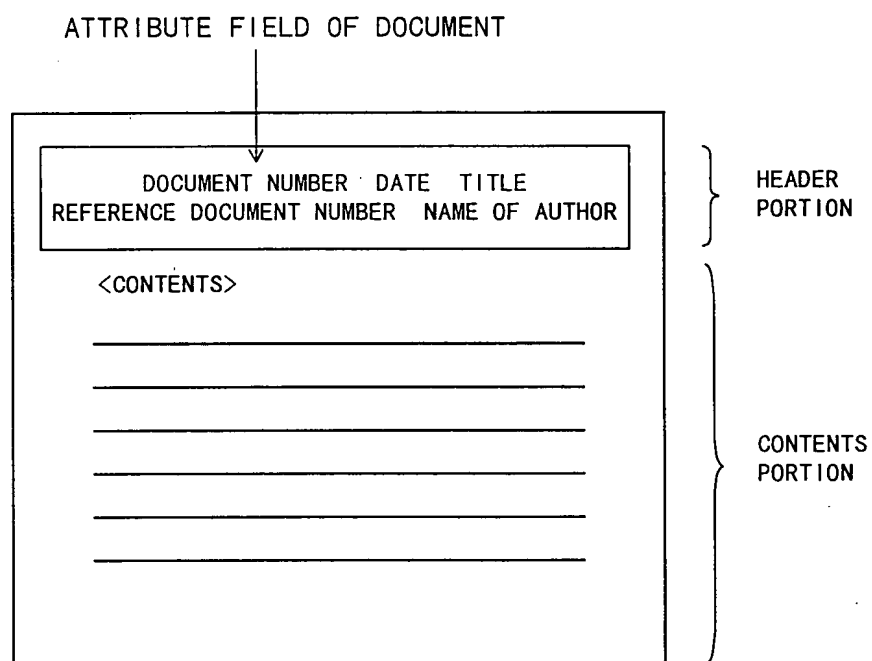


FIG. 2

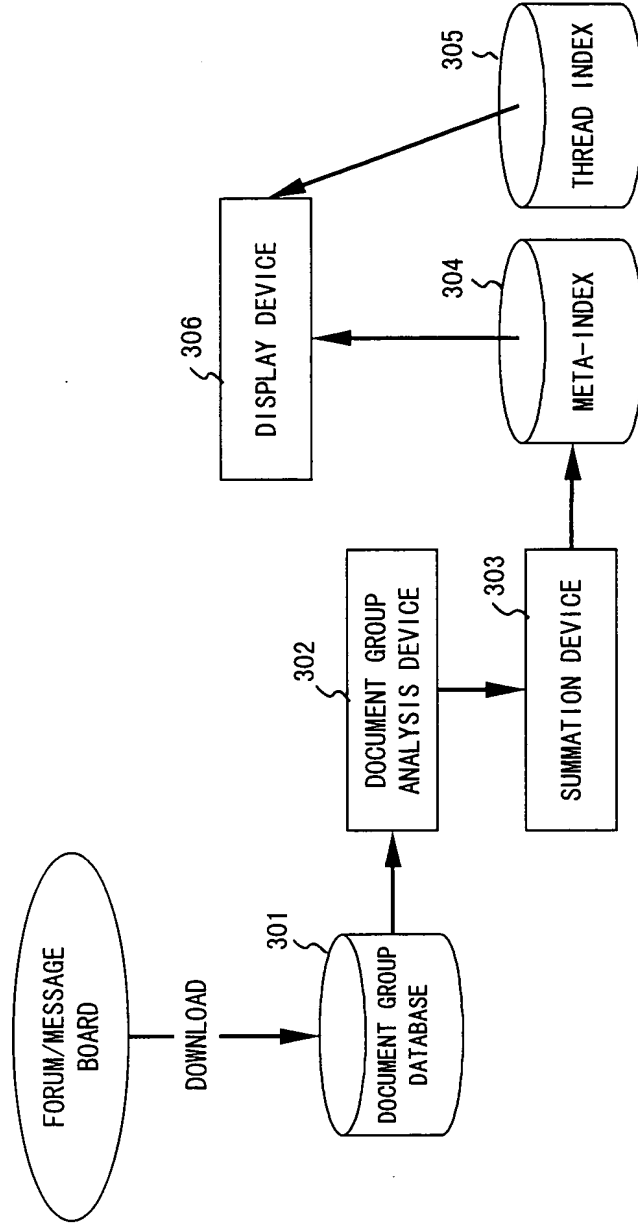


FIG. 3

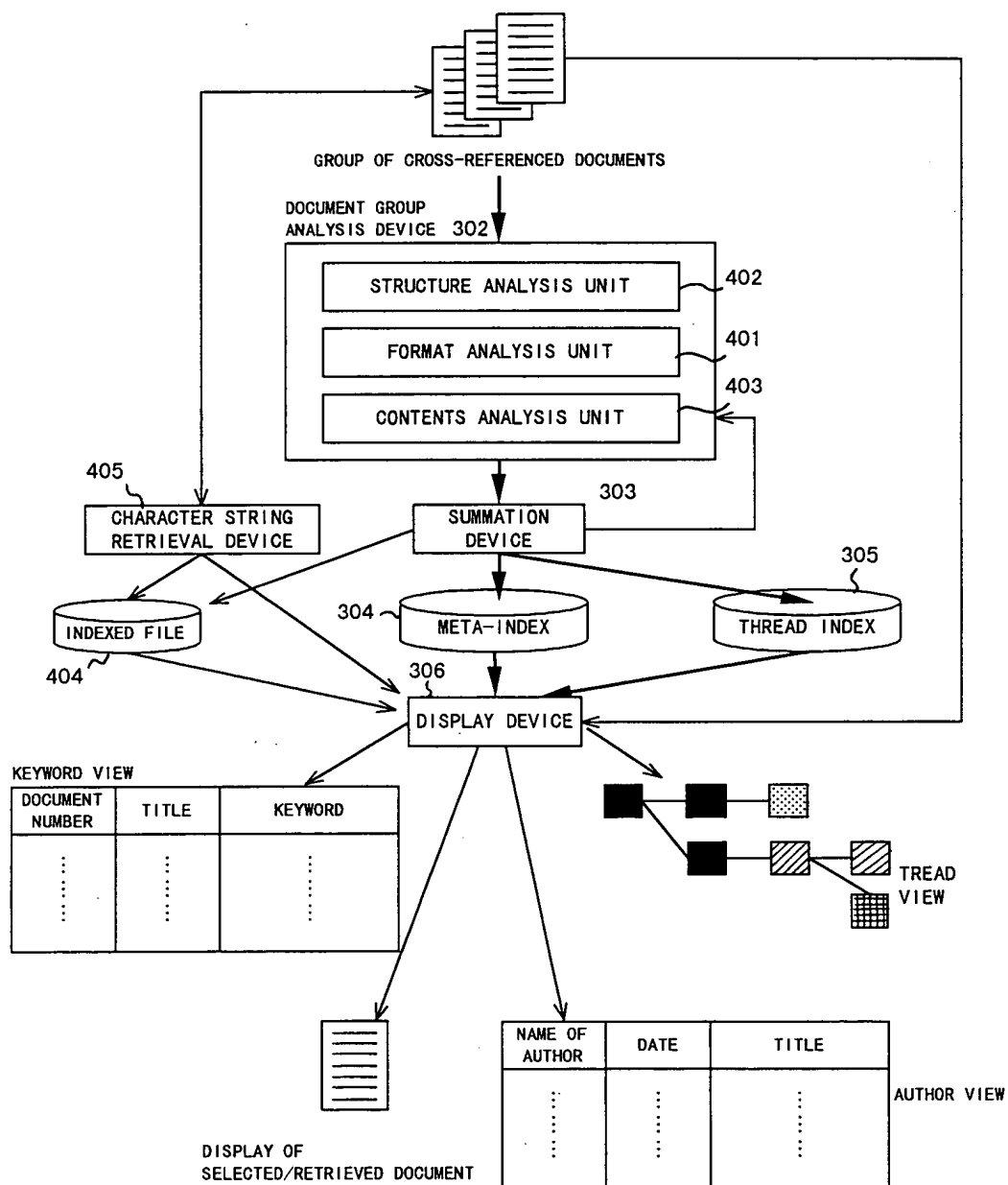
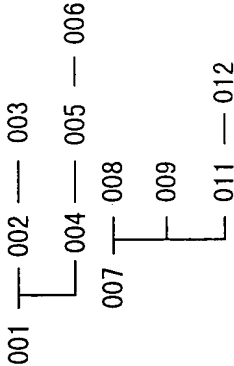


FIG. 4

DOCUMENT NUMBER	REFERENCE DOCUMENT NUMBER	TITLE	NAME OF AUTHOR	KEYWORD	NUMBER OF LINES	COLOR NUMBER	DATE
:	:	:	:	:	:	:	:
004	001	TELL ME	UCHINO	-----	12	4	96/10/05
005	004	Re: TELL ME	TSUDA	-----	45	4	96/10/08
006	005	APPLICATION OF Java	UCHINO	-----	80	6	96/10/15
*007	-----	DEFECTIVE HD?	MATSUI	SunOS, HD, 64MB, FORMAT	12	1	96/10/18
:	:	:	:	:	:	:	:

\* INDICATES ROOT DOCUMENT NUMBER

ROOT DOCUMENT NUMBER	NUMBER OF DOCUMENTS	STRUCTURE OF THREAD
∴		
001	6	(001 (002 003) (004 (005 006)))
007	5	(007 008 009 (011 012))
∴ ∴		



MEANING OF LISTING: (PARENT DOCUMENT NUMBER CHILD DOCUMENT NUMBER/SUB-TREE CHILD DOCUMENT NUMBER/SUB-TREE .....)

FIG. 6

INDEXED WORD	KEYWORD CONTAINING INDEXED WORD	THREAD NUMBER*
INTERNET	•STARTING INTERNET	00496
	•CONNECTION TO INTERNET	00218
CONTROL	•CONTROL PANEL	00518
DOMAIN	•DOMAIN NAME SERVER	00128
	•DOMAIN IN NATION	00476
⋮	⋮	⋮

FIG. 7

```

graph TD
    START([START]) --> 801[READING ONE LINE OF DOCUMENT FILE]
    801 --> 802{HEADER PORTION?}
    802 -- Yes --> 803[EXTRACTING DOCUMENT  
NUMBER, TITLE, NAME  
OF AUTHOR, DATE, AND  
REFERENCE DOCUMENT  
NUMBER]
    802 -- No --> 804[ENTERING DOCUMENT  
NUMBER, TITLE, NAME OF  
AUTHOR, DATE, AND  
REFERENCE DOCUMENT  
NUMBER IN META-INDEX]
    803 --> 805[READING ONE LINE OF DOCUMENT FILE]
    804 --> 805
    805 --> 806{EOF?}
    806 -- No --> 807[COUNTING NUMBER OF  
LINES IN CONTENTS  
PORTION]
    806 -- Yes --> 808[ENTERING COUNTED NUMBER  
OF LINES IN META-INDEX]
    807 --> 805
    808 --> 809[ENTERING DOCUMENT  
NUMBER IN THREAD INDEX]
    809 --> 810[ENTERING COLOR NUMBER  
IN META-INDEX]
    810 --> END([END])
  
```





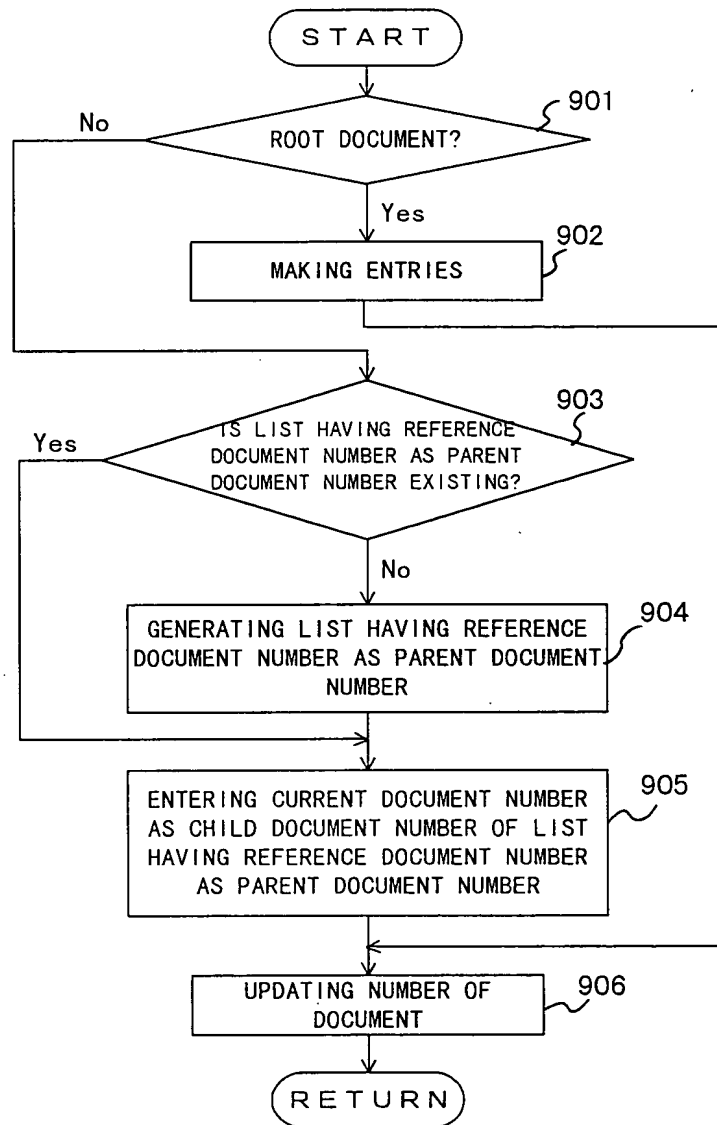


FIG. 9



09048029 032598

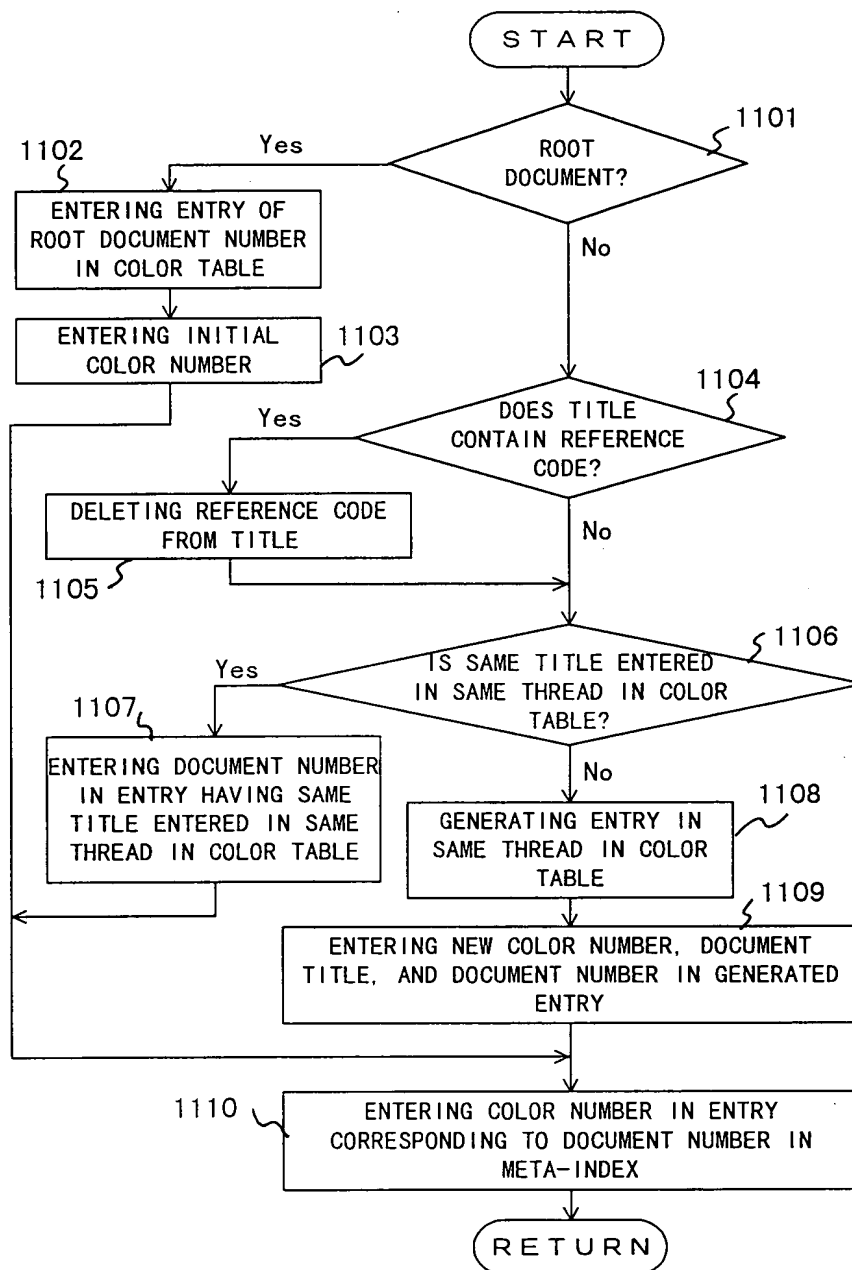


FIG. 11

09043026 032658

ROOT DOCUMENT NUMBER	COLOR NUMBER	TITLE	DOCUMENT NUMBER
:	:	:	:
001	#1	(MAIN TOPIC)	001, 002, 004
	#2	(SUB-TOPIC 1)	003
	#3	(SUB-TOPIC 2)	005, 006
:	:	:	:

F I G. 1 2

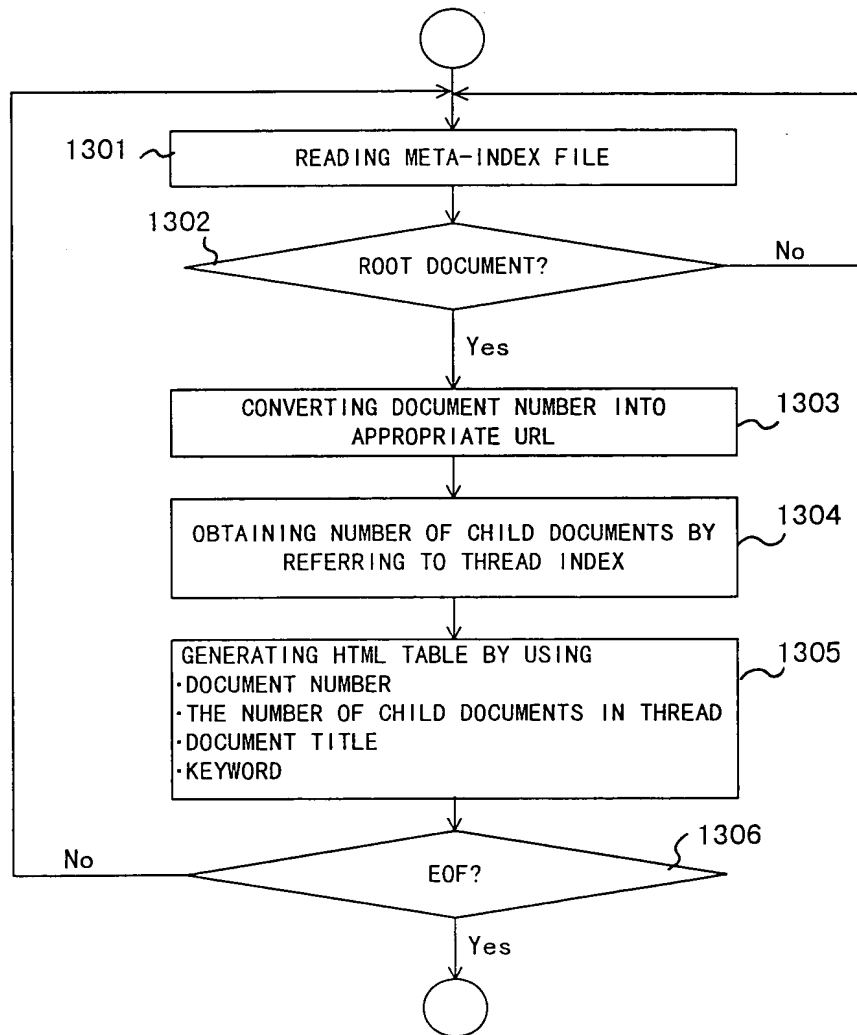


FIG. 13

```
graph TD; Start(( )) --> 1401[READING THREAD INDEX FILE]; 1401 --> 1402[RESTORING TREE STRUCTURE (ARRAY) FROM LIST]; 1402 --> 1403[EXTRACTING NAME OF AUTHOR OF CORRESPONDING DOCUMENT, NUMBER OF LINES, COLOR NUMBER, AND TITLE FROM META-INDEX]; 1403 --> 1404[DETERMINING COLOR OF TITLE TO BE WRITTEN WITH NODE BASED ON TOTAL NUMBER OF CHILD DOCUMENTS AND COLOR NUMBER]; 1404 --> 1405[DISPLAYING SERIES OF TITLES OF DOCUMENTS IN THREAD]; 1405 --> 1406[DISPLAY OF TREE<br/>• CONVERTING NODE INTO FIRST ONE CHARACTER (TWO HALF-WIDTH CHARACTERS) OF AUTHOR AND NUMBER OF LINES OF CONTENTS<br/>• DISPLAYING DATA AFTER SEQUENTIALLY CONVERTING DATA FROM LEFTMOST CHARACTER IN ARRAY INTO NODE (USING < PRE > TAG FUNCTION OF HTML)]; 1406 --> 1407{EOF?}; 1407 -- Yes --> End(( )); 1407 -- No --> 1401;
```

The flowchart illustrates a process for displaying a tree structure of documents. It begins with a start node (circle) leading to step 1401: "READING THREAD INDEX FILE". This is followed by step 1402: "RESTORING TREE STRUCTURE (ARRAY) FROM LIST". Step 1403: "EXTRACTING NAME OF AUTHOR OF CORRESPONDING DOCUMENT, NUMBER OF LINES, COLOR NUMBER, AND TITLE FROM META-INDEX" leads to step 1404: "DETERMINING COLOR OF TITLE TO BE WRITTEN WITH NODE BASED ON TOTAL NUMBER OF CHILD DOCUMENTS AND COLOR NUMBER". Step 1404 leads to step 1405: "DISPLAYING SERIES OF TITLES OF DOCUMENTS IN THREAD". Step 1405 leads to step 1406: "DISPLAY OF TREE", which includes two sub-steps: "CONVERTING NODE INTO FIRST ONE CHARACTER (TWO HALF-WIDTH CHARACTERS) OF AUTHOR AND NUMBER OF LINES OF CONTENTS" and "DISPLAYING DATA AFTER SEQUENTIALLY CONVERTING DATA FROM LEFTMOST CHARACTER IN ARRAY INTO NODE (USING < PRE > TAG FUNCTION OF HTML)". Step 1406 leads to a decision diamond 1407: "EOF?". If the answer is "Yes", the process ends at a final node (circle). If the answer is "No", the process loops back to step 1401.

FIG. 14

09048026 032698

LIST IN TREE STRUCTURE: (001 (002 003) (004 (005 006)))

	1	2	3	4
1	001	002	003	BLANK
2	BLANK	004	005	006

ARRAY INDICATING TREE STRUCTURE

F I G. 1 5

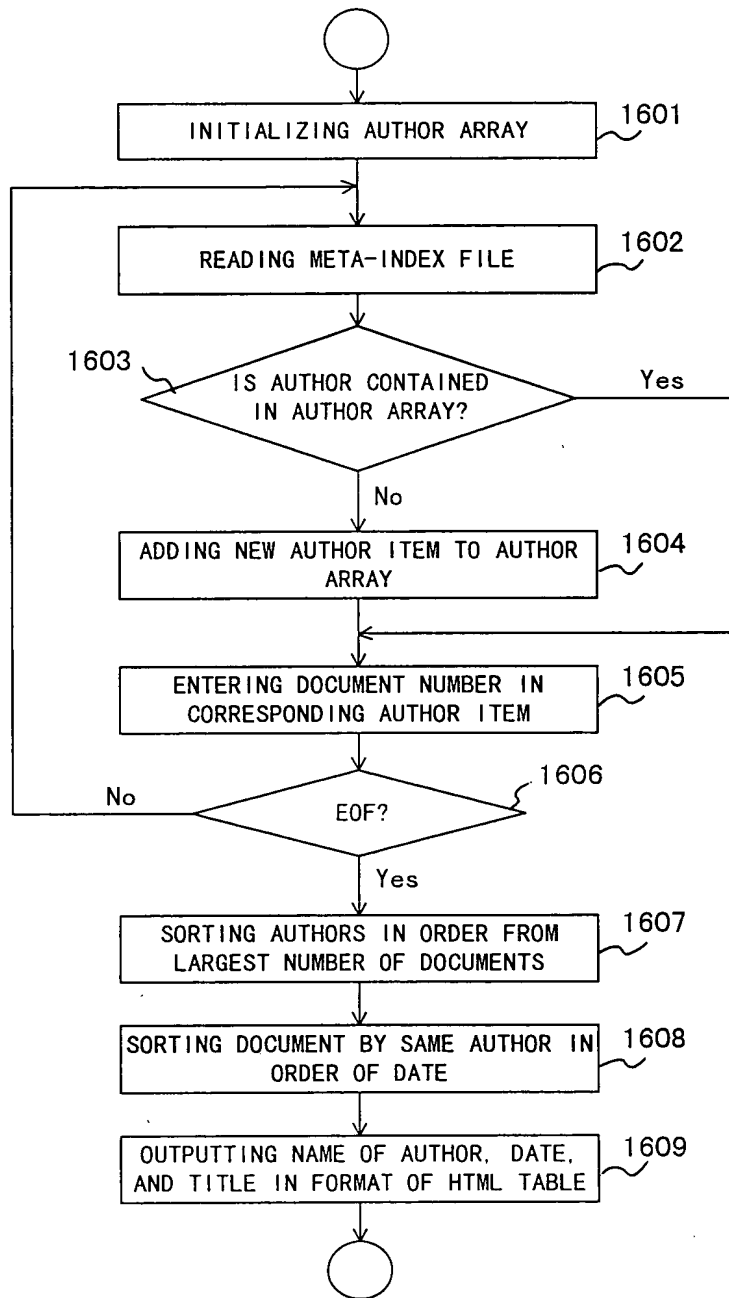


FIG. 16



09043026 032698

EXAMPLE OF AUTHOR ARRAY

AUTHOR A	001, 005, 007, 008
AUTHOR B	011, 012, 013
AUTHOR C	003, 009, 010
AUTHOR D	004, 006
AUTHOR E	002

F I G. 1 7

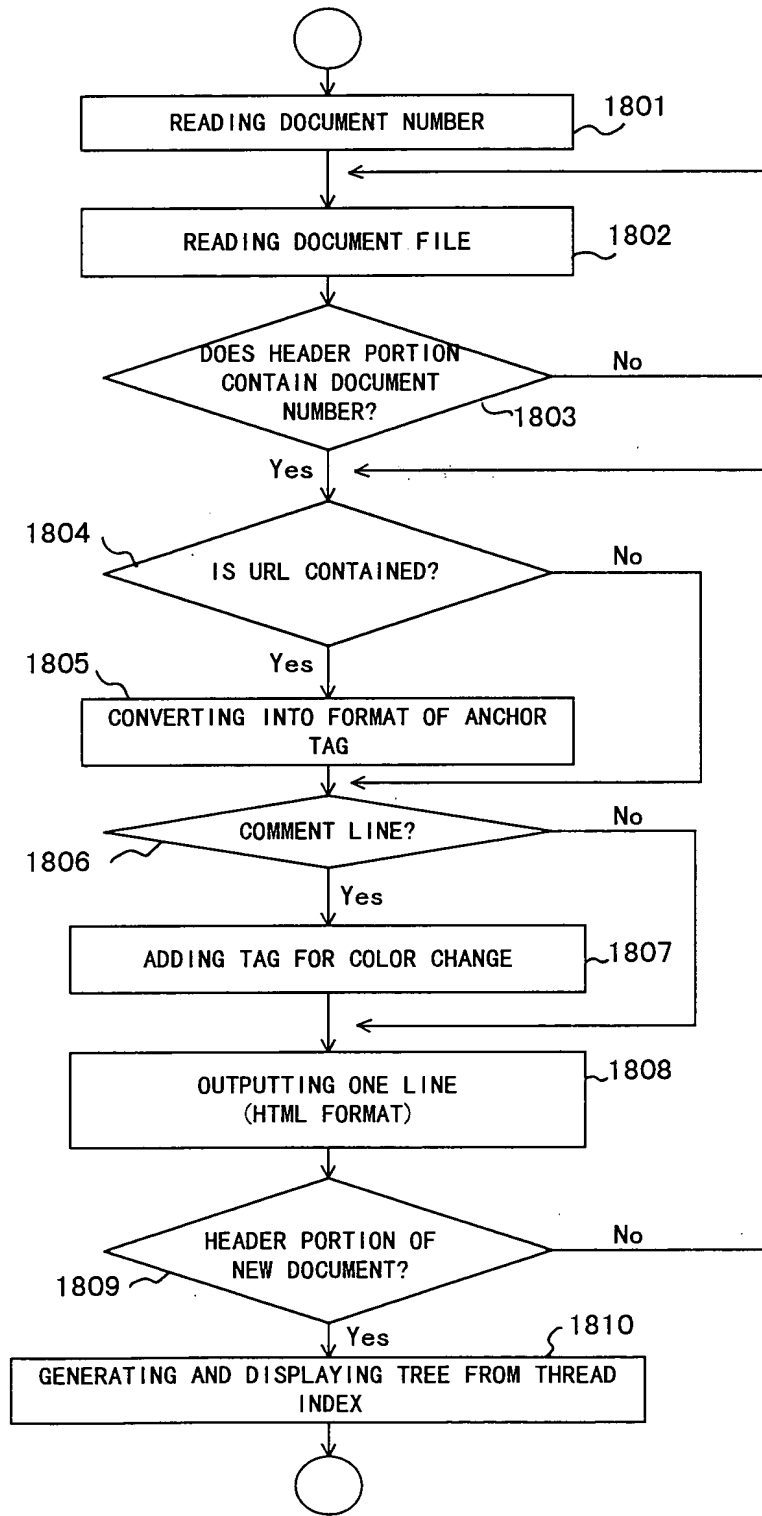


FIG. 18

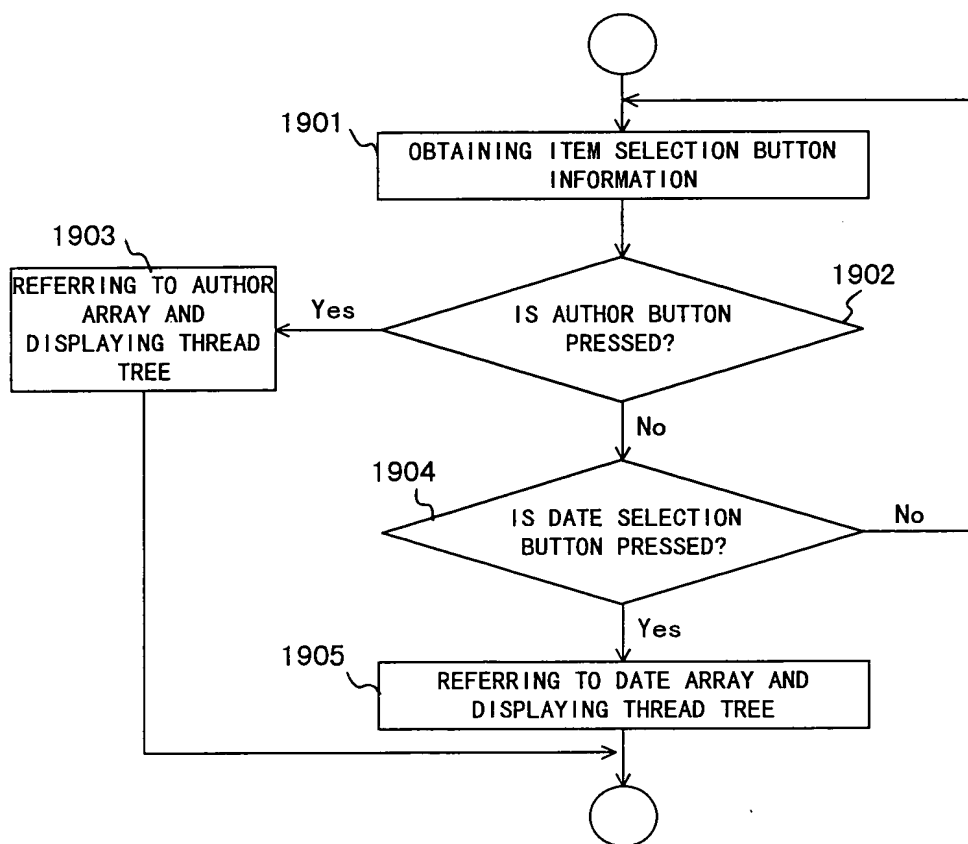


FIG. 19

EXAMPLE OF AUTHOR ARRAY

AUTHOR A	001, 005, 007, 008	→ YELLOW
AUTHOR B	011, 012, 013	→ BLACK
AUTHOR C	003, 009, 010	→ RED
AUTHOR D	004, 006	→ BLUE
AUTHOR E	002	→ GREEN

FIG. 20A

EXAMPLE OF DATE ARRAY

97/04/15	001, 002, 003, 004	→ YELLOW
97/04/21	005, 006	→ BLACK
97/04/28	007, 008, 009	→ RED
97/05/25	010	→ BLUE
97/05/26	011, 012, 013, 014, 015	→ GREEN

FIG. 20B

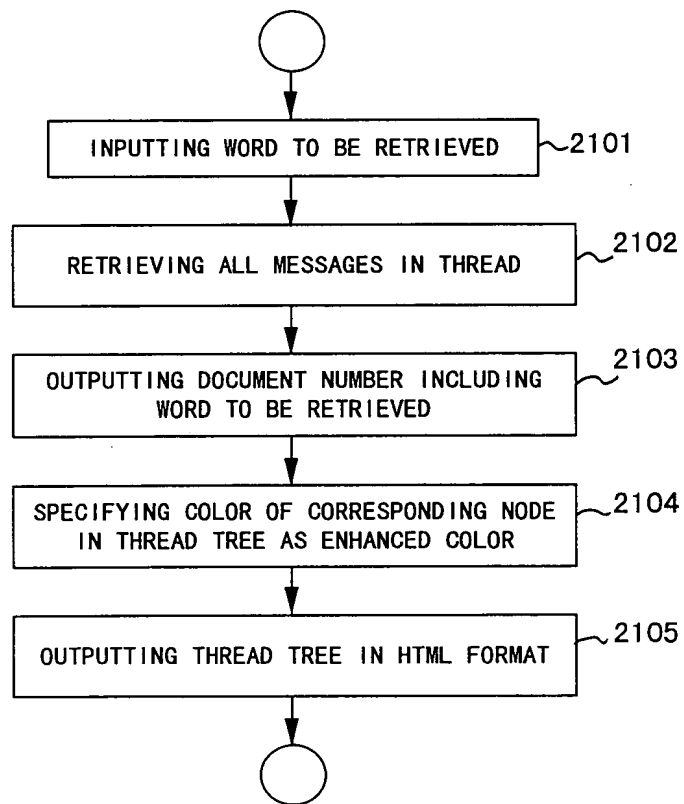


FIG. 21

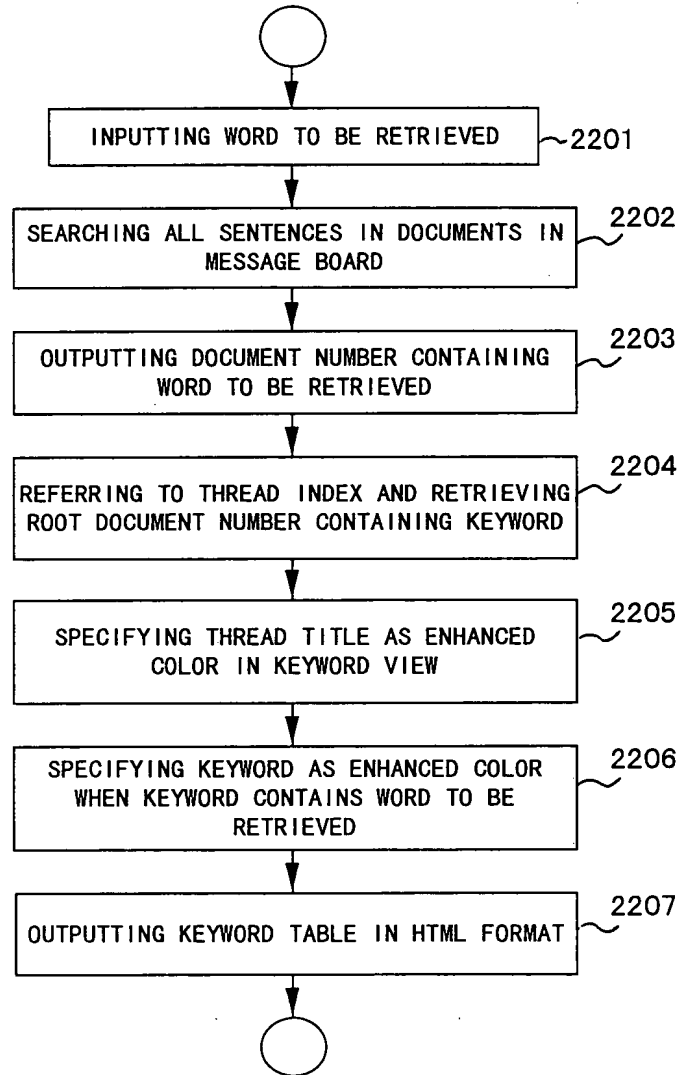


FIG. 22

2025-03-26 09:22:00

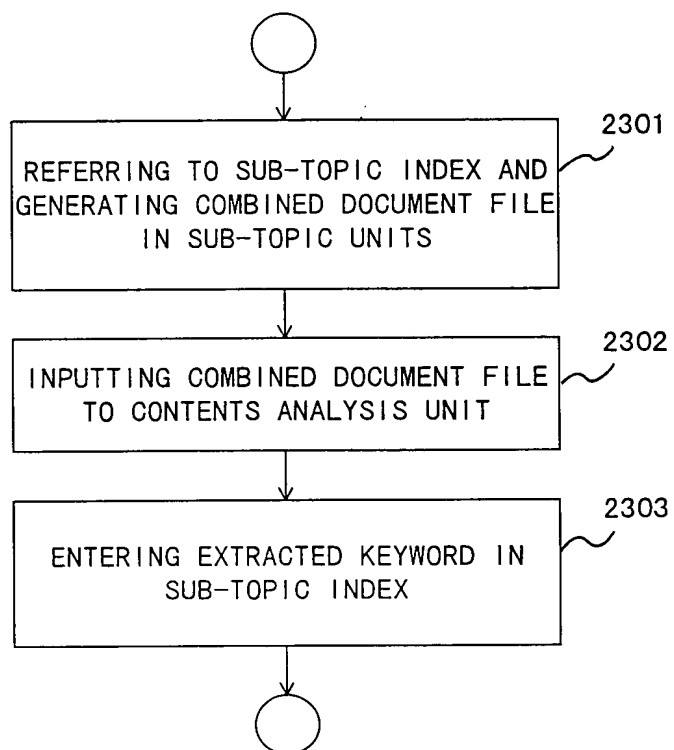


FIG. 23

ROOT DOCUMENT NUMBER	COLOR NUMBER	TITLE	MESSAGE NUMBER	KEYWORD
:	:	:	:	:
001	#1	(MAIN TOPIC)	001, 002, 004	.....
	#2	(SUB-TOPIC 1)	003	.....
	#3	(SUB-TOPIC 2)	005, 006	.....
:	:	:	:	:

FIG. 24



KEYWORD VIEW OF fgai\_internet\_QA

FIG. 25

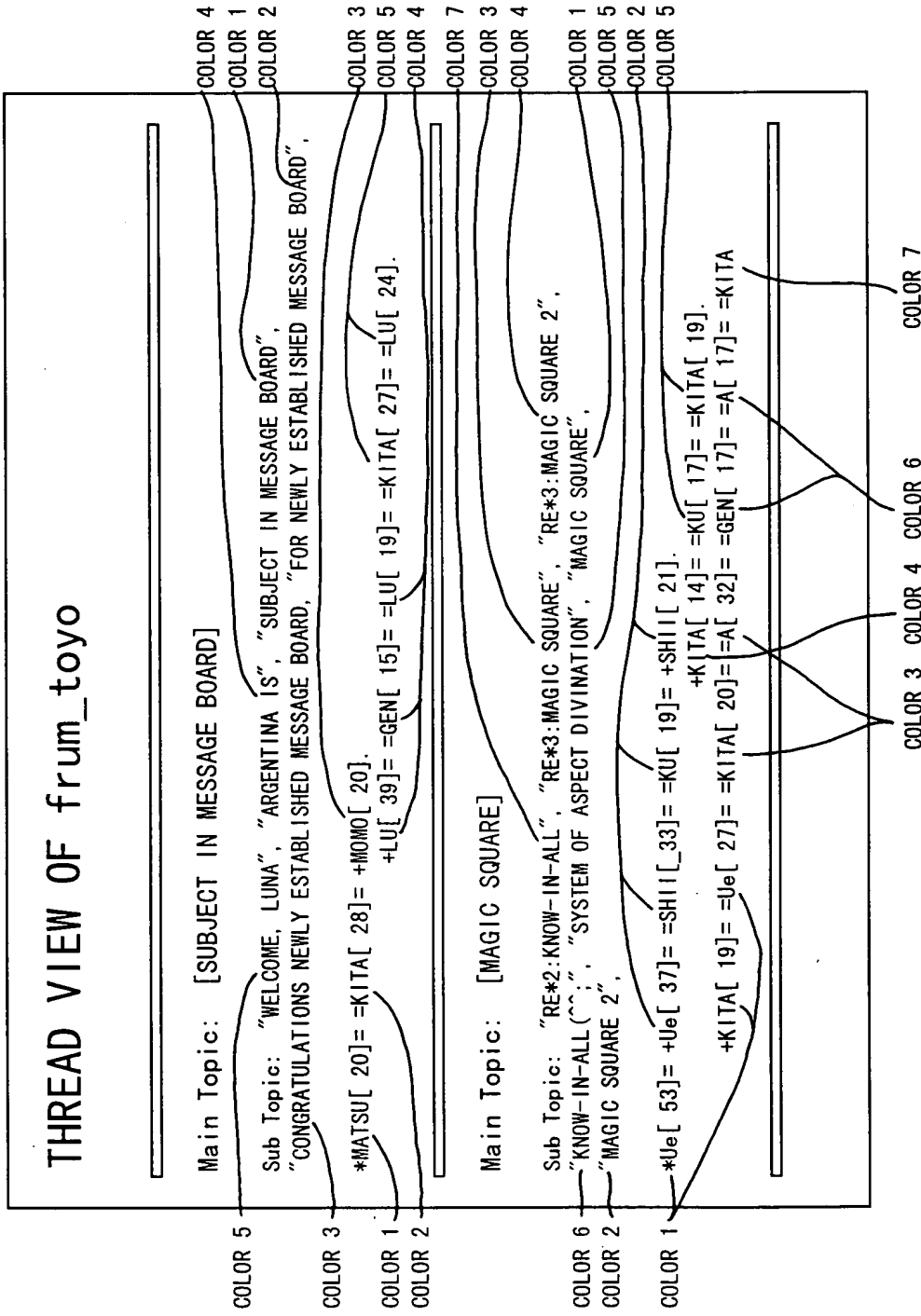


FIG. 26

		8: [RE^4: DOES ANYBODY KNOW SANYNET?]
MURA	SEPTEMBER	11: [Admin AUTHORIZATION FOR RE>NT] 30: [QuickTime WITH NESUKE3.0iβ6]
	OCTOBER	1: [RE^2: QuickTime WITH NESUKE 3.0iβ6] [RE>NN3Jaβ CANNOT BE INSTALLED] 2: [RE>QuickTime WITH NESUKE 3.0iβ6] [RE>QuickTime WITH NESUKE 3.0iβ6]
KANCHAN	JULY	25: [WANT TO RED news WITH 98+DOS] 27: [WANT TO RED news WITH RE: 98+DOS]
	SEPTEMBER	29: [ABOUT EXTENSION rar] [RE: MAIL WITH NO SENDER NAME] 30 [RE: ABOUT EXTENSION rar]
	OCTOBER	1 [RE: ABOUT EXTENSION rar]
YOSHI CHAN	MAY	6: [RE^1: NIFTY DIAL UP CONNECTION] 18: [RE^5: NIFTY DIAL UP CONNECTION]
	AUGUST	5: [RE^2: DOES ANYBODY KNOW SANYNET?] 6: [RE^3: DOES ANYBODY KNOW SANYNET?]
OSAMU ARAKI	AUGUST	3: [PRIMARY QUESTION ABOUT ActiveX] 8: [RE: PRIMARY QUESTION ABOUT ActiveX] 31: [IE3 FORMAL VERSION TROUBLE]
	SEPTEMBER	2: [RE: IE3 FORMAL VERSION TROUBLE] 3: [RE: IE3 FORMAL VERSION TROUBLE]
TOSHIHIRO SAKAWA	SEPTEMBER	9: [CANNOT BE CONNECTED TO INTERNET (2)] 14: [CANNOT BE CONNECTED TO INTERNET (2)] 15: [RE:RE^2: CANNOT BE CONNECTED TO INTERNET (2)] 16: [RE:COMMON CONNECTION METHOD]
Mue	AUGUST	4: [RE: QUESTION HOW CAN HOME PAGE BE PRINTED ...] 18: [RE: PPP COMPARISON BETWEEN Hyper Road AND Road4] 25: [RE: ABOUT INET SETUP WIZARD]
SADAYUKI ANDO	JULY	27: [FELL IN TROUBLE SOS!] 28: [RE: FELL IN TROUBLE SOS!] 30: [RE: FELL IN TROUBLE SOS!]
N-DATE.	AUGUST	18: [ABOUT RealAudio PLUG IN] 19: [RE: ABOUT RealAudio PLUG IN] 25: [RE: ABOUT INSTALLING RealAudio]

FIG. 27

05048026 032658

PROVIDER - - - BAUD RATE BETWEEN HOME PC

00030/00524 AAA00001 AAA  
(12) 96/05/10 03:02

PROVIDER - - - BAUD RATE BETWEEN HOME PC  
NUMBER OF COMMENTS: 1

WHEN WE SEE Homepage, SERVER-SERVER-HOME PC CONNECTION IS TO BE MADE?  
(ACTUALLY THERE MUST BE OTHER METHODS)

WHAT'S THE BAUD RATE BETWEEN SERVERS? IS IT 14400bps (IN MY CASE) SET  
USING MODEM COMMAND?

SINCE DATA ARE OVERFLOWING IN MANY CASES ...

AAA (AAA00001)

---

THREAD

\*00030= =00031= =00034= =00035= +00038= =00054.  
+00066= =00067= =00068.

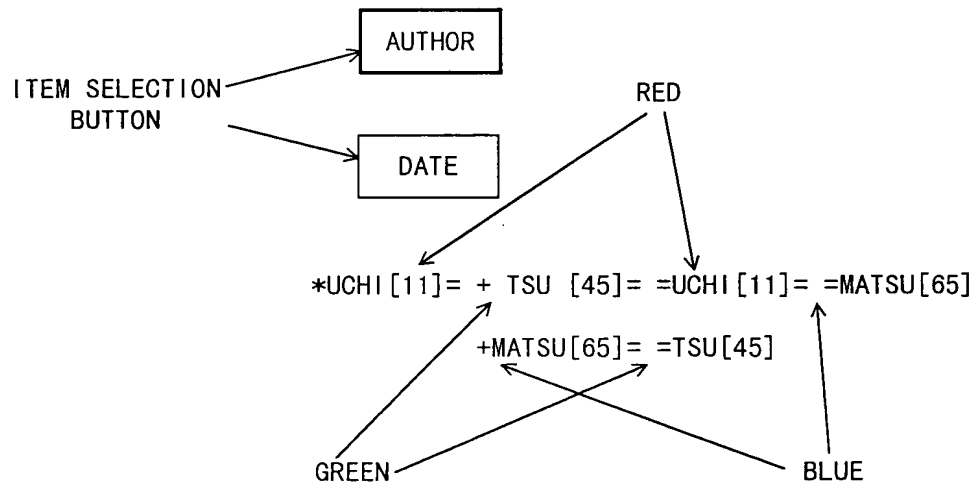
<<Prev---thread---Next>>

**[KEYWORD VIEW]** **[THREAD VIEW]** **[SENDER VIEW]**

RETRIEVAL FROM ENTIRE  
MESSAGE BOARD

---

09040025 032598



F I G. 29

Country	Year	Population (millions)	Urban population (millions)	Urban population (%)	Population density (per sq km)	Urban population density (per sq km)
Algeria	1980	11.0	5.5	50.0	10.0	10.0
Algeria	1985	11.5	6.0	52.2	10.5	10.5
Algeria	1990	12.0	6.5	54.2	11.0	11.0
Algeria	1995	12.5	7.0	56.0	11.5	11.5
Algeria	2000	13.0	7.5	57.7	12.0	12.0
Algeria	2005	13.5	8.0	59.3	12.5	12.5
Algeria	2010	14.0	8.5	60.7	13.0	13.0
Algeria	2015	14.5	9.0	62.1	13.5	13.5
Algeria	2020	15.0	9.5	63.3	14.0	14.0
Algeria	2025	15.5	10.0	64.5	14.5	14.5
Algeria	2030	16.0	10.5	65.6	15.0	15.0
Algeria	2035	16.5	11.0	66.7	15.5	15.5
Algeria	2040	17.0	11.5	67.6	16.0	16.0
Algeria	2045	17.5	12.0	68.6	16.5	16.5
Algeria	2050	18.0	12.5	69.4	17.0	17.0
Algeria	2055	18.5	13.0	70.3	17.5	17.5
Algeria	2060	19.0	13.5	71.1	18.0	18.0
Algeria	2065	19.5	14.0	71.8	18.5	18.5
Algeria	2070	20.0	14.5	72.5	19.0	19.0
Algeria	2075	20.5	15.0	73.2	19.5	19.5
Algeria	2080	21.0	15.5	73.8	20.0	20.0
Algeria	2085	21.5	16.0	74.4	20.5	20.5
Algeria	2090	22.0	16.5	75.0	21.0	21.0
Algeria	2095	22.5	17.0	75.5	21.5	21.5
Algeria	2100	23.0	17.5	76.1	22.0	22.0
Algeria	2105	23.5	18.0	76.6	22.5	22.5
Algeria	2110	24.0	18.5	77.1	23.0	23.0
Algeria	2115	24.5	19.0	77.5	23.5	23.5
Algeria	2120	25.0	19.5	78.0	24.0	24.0
Algeria	2125	25.5	20.0	78.4	24.5	24.5
Algeria	2130	26.0	20.5	78.8	25.0	25.0
Algeria	2135	26.5	21.0	79.2	25.5	25.5
Algeria	2140	27.0	21.5	79.6	26.0	26.0
Algeria	2145	27.5	22.0	80.0	26.5	26.5
Algeria	2150	28.0	22.5	80.4	27.0	27.0
Algeria	2155	28.5	23.0	80.7	27.5	27.5
Algeria	2160	29.0	23.5	81.0	28.0	28.0
Algeria	2165	29.5	24.0	81.4	28.5	28.5
Algeria	2170	30.0	24.5	81.7	29.0	29.0
Algeria	2175	30.5	25.0	82.0	29.5	29.5
Algeria	2180	31.0	25.5	82.3	30.0	30.0
Algeria	2185	31.5	26.0	82.6	30.5	30.5
Algeria	2190	32.0	26.5	82.8	31.0	31.0
Algeria	2195	32.5	27.0	83.1	31.5	31.5
Algeria	2200	33.0	27.5	83.3	32.0	32.0
Algeria	2205	33.5	28.0	83.6	32.5	32.5
Algeria	2210	34.0	28.5	83.8	33.0	33.0
Algeria	2215	34.5	29.0	84.1	33.5	33.5
Algeria	2220	35.0	29.5	84.3	34.0	34.0
Algeria	2225	35.5	30.0	84.5	34.5	34.5
Algeria	2230	36.0	30.5	84.7	35.0	35.0
Algeria	2235	36.5	31.0	84.9	35.5	35.5
Algeria	2240	37.0	31.5	85.1	36.0	

SINCE DATA CAN BE SELECTED FROM A RETRIEVAL RESULT, IT IS RECOMMENDABLE NOT TO START RETRIEVAL UNDER SERVER CONDITIONS.

# UNIX

\_\_\_\_\_

\_\_\_\_\_

NETSCAPE

INTERNET

**HOMEPAGE**

THE UPPER OR LOWER CASE OF ALPHABETICAL CHARACTERS SHOULD/SHOULD NOT BE DISTINGUISHED, AND BLANK CHARACTER STRING IS RETRIEVED AS IGNORED / WITHOUT IGNORED.

RETURN TO FIRST PAGE

FIG. 30

WORD TO BE RETRIEVED: PROTOCOL

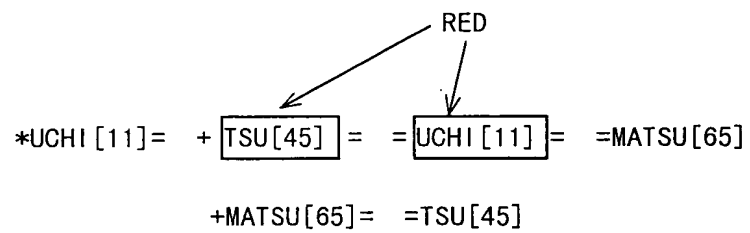


FIG. 31

03048026-032656  
959220-92284060





### Result: FOUND

IN THE DOCUMENT RESOURCES OF THE fgal\_internet\_QA MESSAGE BOARD, THERE ARE 14/518 ITEMS SATISFYING LOGIC EXPRESSION (UNIX) 8 NETSCAPE & INTERNET & HOMEPAGE.

1. 00064 : RE^2: PROTOCOL
2. 00091 : RE: chmod IS
3. 00204 : RE: TELL ME HOW TO DOWNLOAD NIF.
4. 00212 : RE^2: TELL ME HOW TO DOWNLOAD NIF.
5. 00233 : RE: RE: I HAVE GIVEN YOU INFORMATION ...
6. 00270 : RE^2:
7. 00308 : TIY
8. 00330 : RE: RE^2: TELL ME HOW TO DOWNLOAD NIF.
9. 00343 : BPULS FOR UNIX
10. 00349 : RE: PREVENTING PROCESS FROM BEING LEFT OVER
11. 00376 : RE: MONITOR CANNOT BE SEEN?
12. 00463 : RE: Q HOW CAN EXTENSION WITH taz ....
13. 00475 : RE^2: HOW CAN EXTENSION WITH taz ....
14. 00480 : RE^4: Q HOW CAN EXTENSION WITH taz ....

---

### SELECTIVE RETRIEVAL

SELECTIVE RETRIEVAL CAN BE MADE BY SETTING CONDITIONS FROM THE RETRIEVAL RESULTS. CLICK THE SEARCH BUTTON WITH THE FOLLOWING CONDITIONS SPECIFIED. WHEN NEW RETRIEVAL IS STARTED, RETURN TO THE FIRST PAGE.

09042025 032548

MAIN TOPIC: WHAT IS THE FIRST QUESTION?

SUB-TOPIC	KEYWORD
A OUR TEACHER ... CABLE	B UNIVERSITY C SCHOOL BUILDING START OF INTERNET
PROTOCOL	telnet ftp PROTOCOL OF UNIX MACHINE .....
.....	.....

F I G. 34

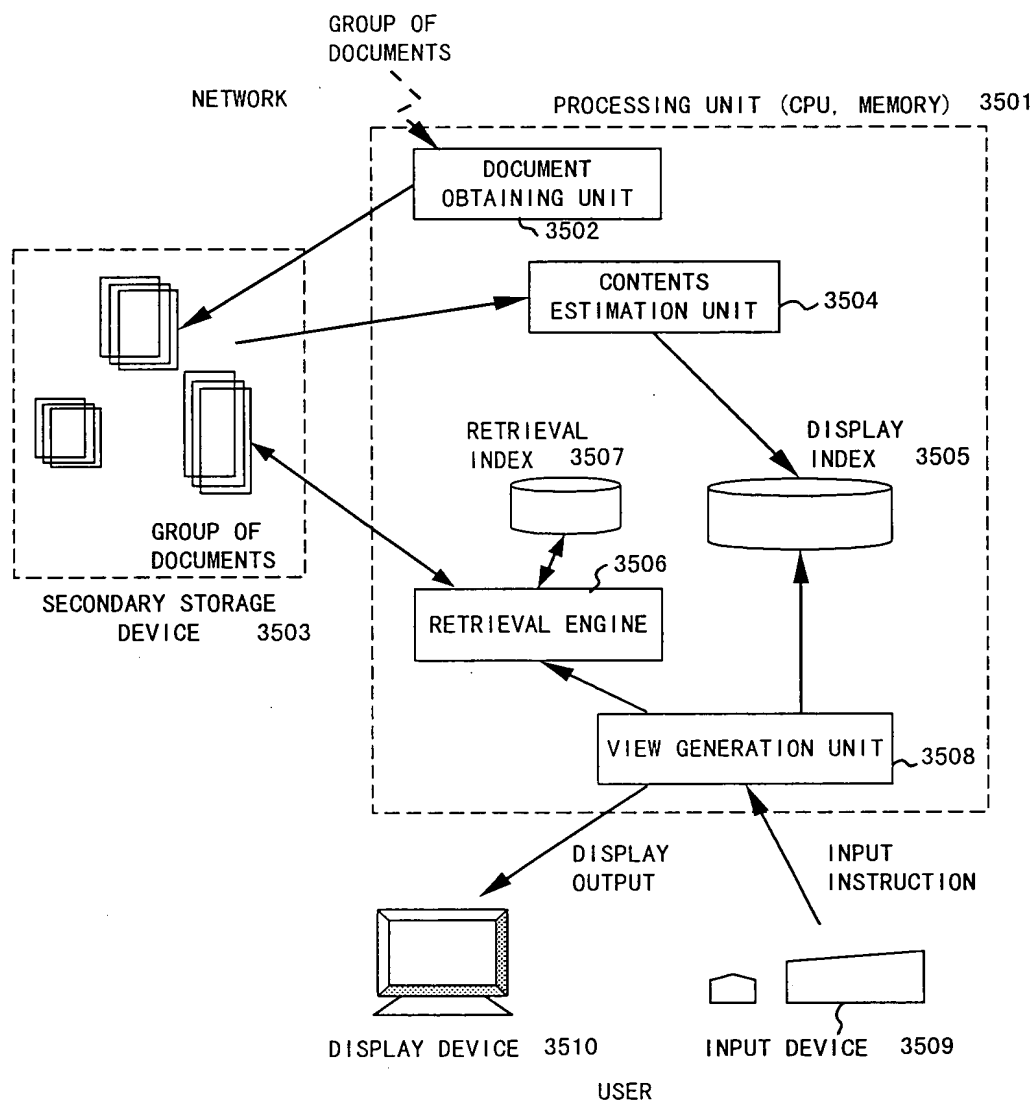


FIG. 35

09040025 032500

User ID	NAME	ABBREVIATION	NUMBER OF MESSAGES (NUMBER OF ANSWERS)
⋮	⋮	⋮	
KX001	TSUDA	TSU	51 (26)
KX002	UCHINO	UCHI	42 (24)
⋮	⋮	⋮	

F I G. 3 6

DOCUMENT ID	User ID	TITLE	DATE	NUMBER OF RELATED REFERENCES	PATH TO ROOT	IDENTIFICATION NUMBER OF TITLE	TYPE OF MESSAGE
001	AAA	SETTING OF PRINTER UNCERTAIN!	97/9/5	2	001	1	Q
002	BBB	RE: SETTING OF PRINTER UNCERTAIN!	97/9/6	1	002,001	1	A
003	AAA	THANKS A LOT.	97/9/6	0	003,002,001	2	T
...	...	...	...	...	...	...	

FIG. 37

THREAD ID	TREE STRUCTURE OF THREAD	NUMBER OF DOCUMENTS	NUMBER OF AUTHORS	UID OF LARGEST NUMBER OF MESSAGES	CONTENTS LIST
⋮ ⋮ ⋮	⋮ ⋮ ⋮	⋮ ⋮ ⋮	⋮ ⋮ ⋮	⋮ ⋮ ⋮	
001	(001(002 003) (004(005 006)))	6	4	KX001	(0001, D002, C003)
007	(007 008 009(011 012))	5	4	KX002	(0003, Q004)
⋮ ⋮ ⋮	⋮ ⋮ ⋮	⋮ ⋮ ⋮	⋮ ⋮ ⋮	⋮ ⋮ ⋮	

F I G. 38

QA_ID	Question	Answer	Thanks	Max AnswerUID
⋮	⋮	⋮	⋮	⋮
Q0011	001	002	003	KX001
⋮	⋮	⋮	⋮	⋮

DS_ID	MESSAGE ID LIST	UID	Thread ID
...	...		
D0011	(001 002 003 004 005 006 007 008)	AAAA BBBB	001
...	...		

\* VALUE OF DS\_ID IS FORMED BY CHARACTER  
STRING DS, THREAD ID, AND SERIAL NUMBER.

FIG. 40



CT_ID	Chat LIST	Thread ID
...	...	
C0011	(001 002 003 004 005 006 007 008 009)	001
...	...	

\* VALUE OF CT\_ID IS FORMED BY CHARACTER  
STRING DS, THREAD ID, AND SERIAL NUMBER.

FIG. 41

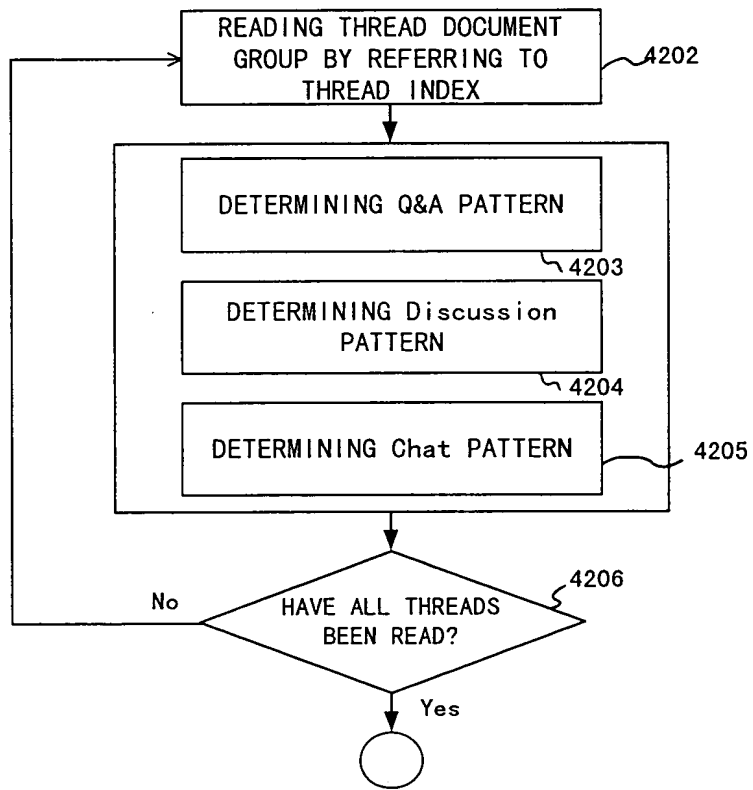


FIG. 42

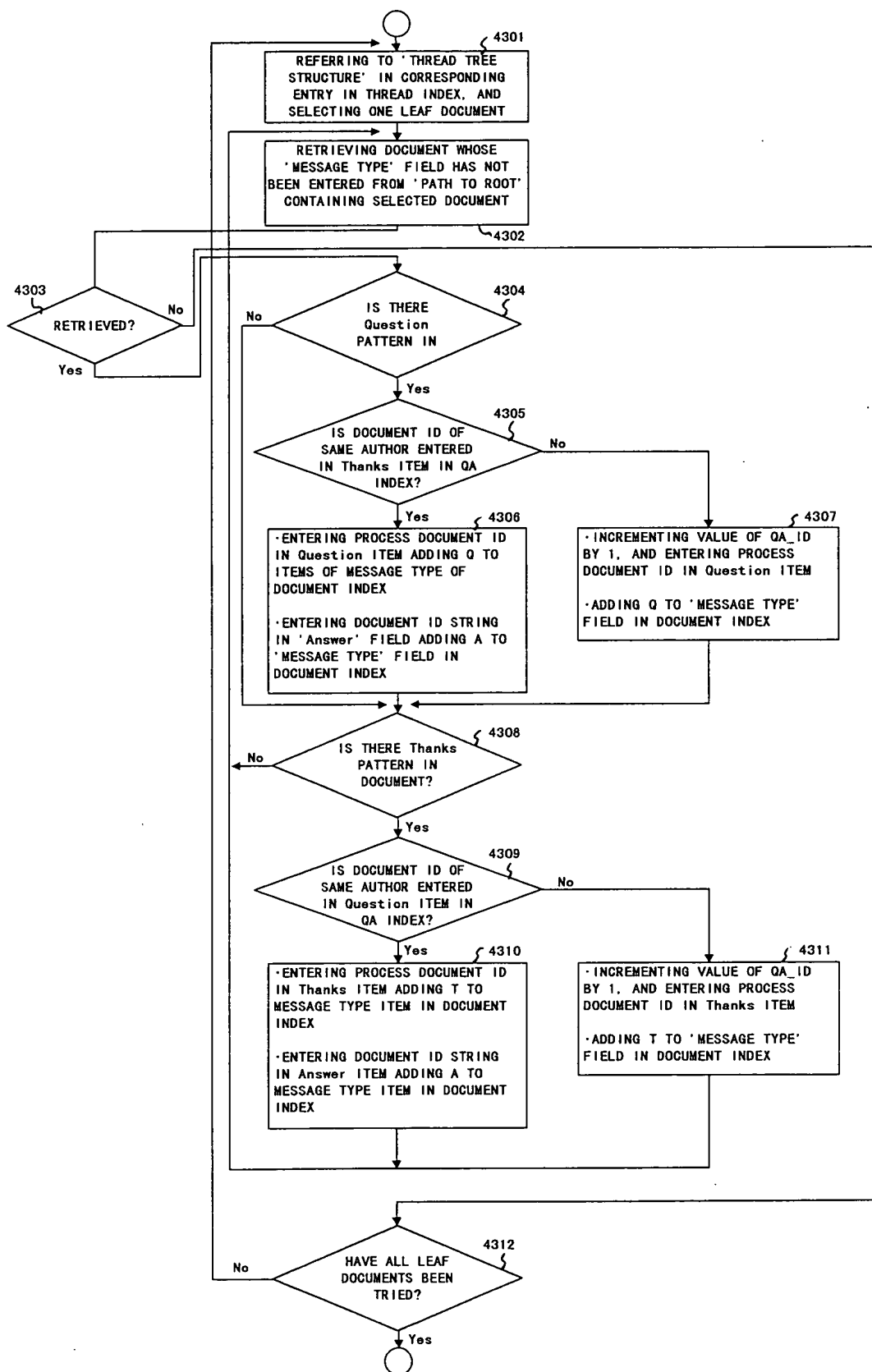


FIG. 43

- IS IT ...?
- DOES IT ...?
- TELL ME ...
- PLEASE ...
- MAY I ...?
- I WOULD LIKE TO ...
- QUESTION

FIG. 44

86920"92094060

- THANK YOU VERY MUCH.
- THANKS A LOT.
- I APPRECIATE ...
- I SEE ...

FIG. 45

-----  
Coment Link Title: [CAN LIGHT CAR PULL TRAILER?]

\*HA[20]=+IWA[35]==HA[22]==\*[35].  
++[67]==\*[37].  
++[16]==\*[26].  
-----

F I G. 4 6

```

-----
00001/00530 AAA00001 Q-person making use of e-mail
( 8) 96/09/22 12:29 comments: 1

I want to use e-mail. But I'm beginner, so I don't know how to use.
What can I do for the beginning.
Any coments, please!!

-----
00002/00530 BBB00002 A-person Re:making use of e-mail
( 8 ) 96/10/02 09:34 comment_to_00002 comets: 1

Hi, Q-person, how do you do. Well, will you check "e-mail message board"
in beginners forum at first. It contains a lot of useful information.

-----
00007/00530 AAA00001 Q-person Re:making use of e-mail
( 8) 96/10/02 10:19 comment_to_00002

Hello,A-person.
I've cheked "e-mail message board" in beginners forum.
I could send e-mail to my friend.
Thank you very much.
-----

```

FIG. 47

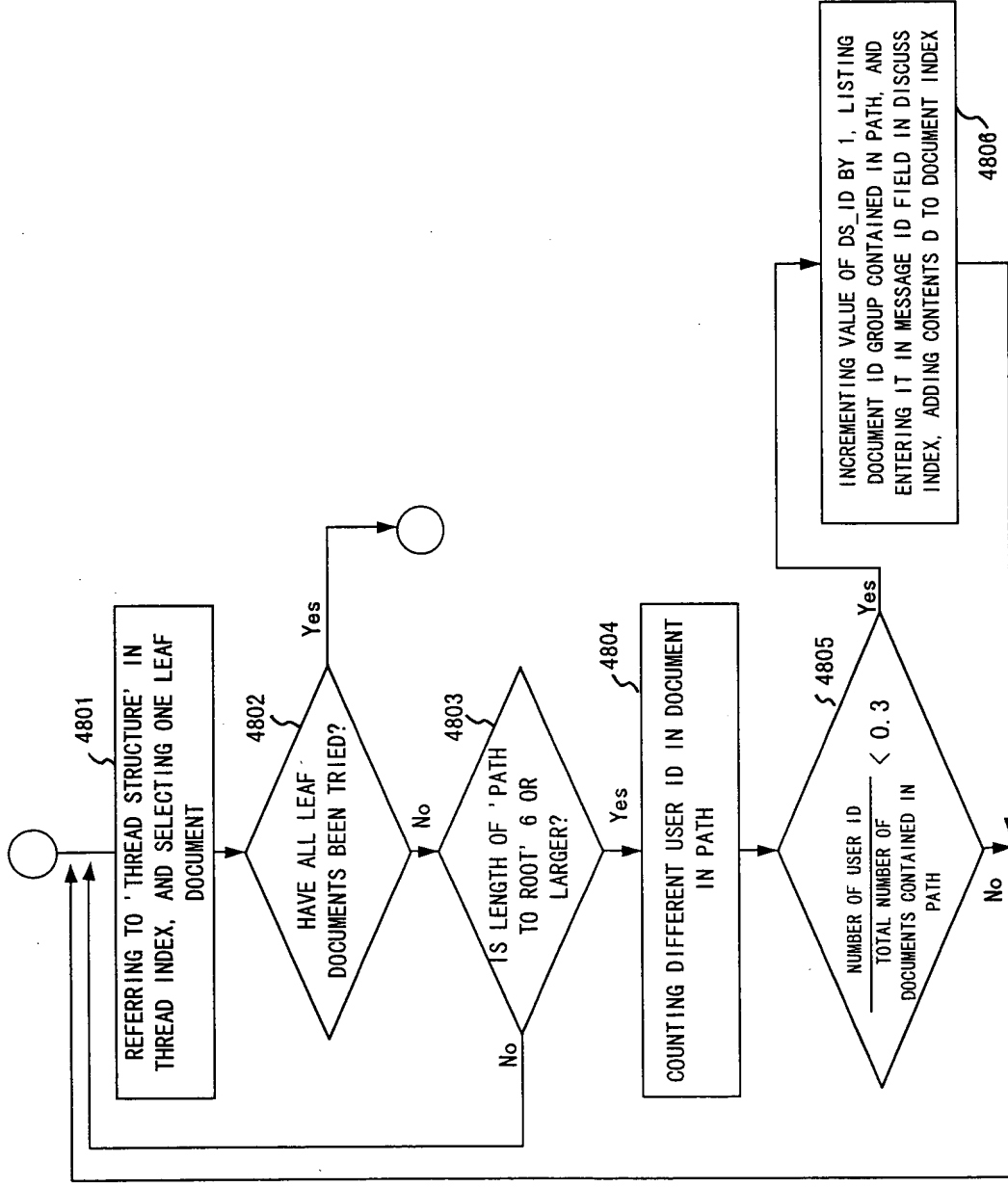


FIG. 48



-----  
Coment Link Title: [YEN SOARED?]

\*H[13]==S[24]==U[46]==H[24]==U[38]==H[32]==U[61]==H[17].  
+H[49].  
+H[25]==U[46]==H[17].  
-----

F I G. 49

05043026 032633  
060220 92084060

```

graph TD
    Start(( )) --> 5001[RETRIEVING LEAF DOCUMENT BY REFERRING TO 'THREAD STRUCTURE' IN TREAD INDEX]
    5001 --> 5002{HAVE ALL LEAF DOCUMENTS BEEN TRIED?}
    5002 -- Yes --> End(( ))
    5002 -- No --> 5003{IS LENGTH OF 'PATH TO ROOT' 6 OR LARGER?}
    5003 -- No --> 5001
    5003 -- Yes --> 5004[COUNTING DIFFERENT USER ID IN DOCUMENT IN PATH]
    5004 --> 5005{NUMBER OF USER ID / TOTAL NUMBER OF DOCUMENTS CONTAINED IN PATH < 0.6}
    5005 -- Yes --> 5006[INCREMENTING VALUE OF DS_ID BY 1, LISTING DOCUMENT ID GROUP CONTAINED IN PATH, AND ENTERING IT IN Chat LIST FIELD OF Chat INDEX]
    5005 -- No --> 5001
    5006 --> 5001

```

FIG. 50



03128: [45: KAZUYOSHI OGAWA] AWAITED AZ-1  
03129: [ 9: KAZUYOSHI OGAWA]  
03136: [29: Gaia]  
03153: [10: PARTIWIWAL]  
03167: [29: Gaia]  
03181: [17: PARTIWIWAL]  
03182: [24: KAZUYOSHI OGAWA]  
03154: [10: PARTIWIWAL]  
03184: [10: KAZUYOSHI OGAWA]  
03189: [21: EF-3CIVIC]  
03201: [23: PARTIWIWAL]  
03209: [22: EF-3CIVIC]  
03210: [17: KAZUYOSHI OGAWA]  
03200: [19: PARTIWIWAL]  
03137: [44: VERY MUCH]  
03155: [20: PARTIWIWAL]  
03183: [27: KAZUYOSHI OGAWA]

9692E0"92084060

\*0[ 45]=+0[ 9]=+G[ 29]=+PA[ 10]==G[ 29]==PA[ 17]  
+0[ 24].

+PA[ 10]==0[ 10]=+EF[ 21]==PA[ 23]=+EF[ 22].  
+YA[ 44]=+PA[ 20]. +PA[ 19]. +0[ 17].  
+0[ 27].

F I G. 53

869220" 92084060

+ 03128: [45: KAZUYOSHI OGAWA] AWAITED AZ-1 (17)  
+ 03129: [ 9: KAZUYOSHI OGAWA] Re: AWAITED AZ-1 (13)  
+ 03136: [29: Gaia] OH, LONG-AWAITED AZ-1 CHARACTERS (5)  
03154: [10: PARTIWIWAL] Re: AWAITED AZ-1  
03184: [10: KAZUYOSHI OGAWA] ALUMI OF 5 AND 5J  
+ 03189: [21: EF-3CIVIC] Re: ALUMI OF 5 AND 5J (4)

F I G. 5 4

869220"92084060

+ 03128: [45: KAZUYOSHI OGAWA] AWAITED AZ-1  
+ 03136: [29: Gaia] OH, LONG-AWAITED AZ-1 CHARACTERS  
+ 03184: [10: KAZUYOSHI OGAWA] ALUMI OF 5 AND 5J  
03210: [17: KAZUYOSHI OGAWA] TROUBLESOME?  
03183: [27: KAZUYOSHI OGAWA] SPRING AND INTERCOOLER

F I G. 5 5

9692E0" 92084060

10/1	10/2	10/3	10/4	10/5
*0-----	0, G-----	PA, G-----	PA-----	
		+	-----	0
		+PA, 0-----	EF, PA-----	EF

F I G. 56



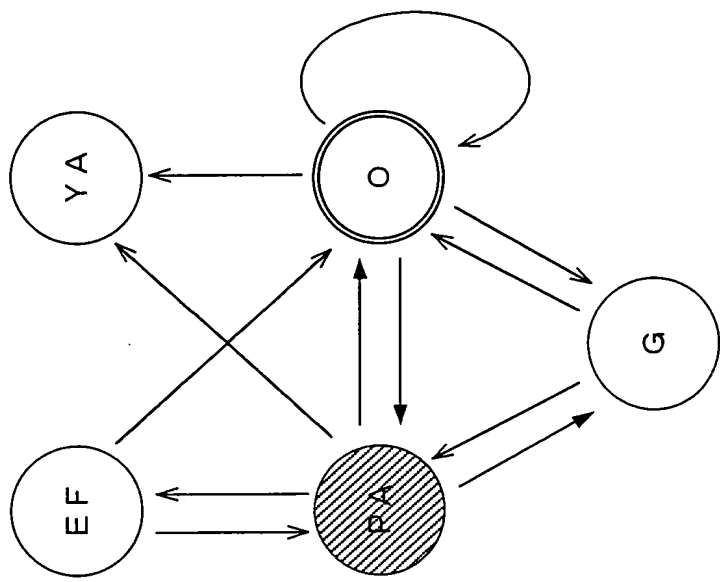


FIG. 57

MESSAGES SATISFYING FOLLOWING CONDITIONS ARE  
RETRIEVED FROM MESSAGE BOARD RELATING TO CARS IN XX  
NEWS SERVICE.

...IS CONTAINED.

...IS NOT CONTAINED.

TYPE OF TARGET MESSAGE



ALL MESSAGES



Q & A

DATE OF TARGET MESSAGE



ALL



WITHIN ONE MONTH



WITHIN ONE WEEK

SEARCH

LATEST UPDATE 97.10.10 3:10AM

ALL OF 12363 MESSAGES

F I G. 5 8

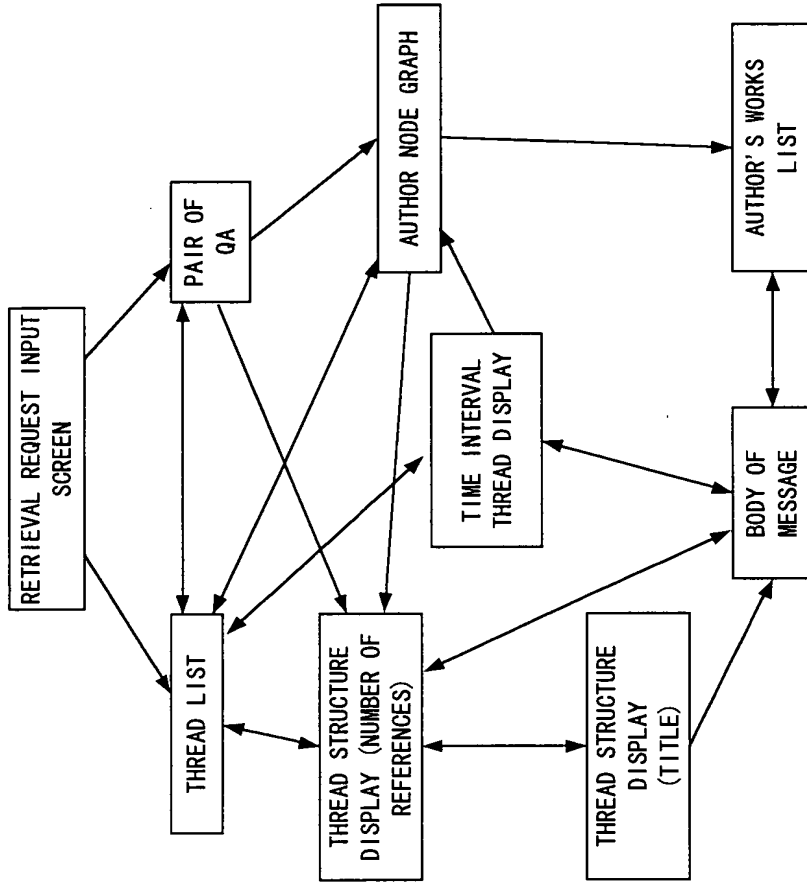


FIG. 59



DISPLAYED BELOW IS STRUCTURE OF THREAD...

('ENGINE' IS BEING RETRIEVED)

+ xxxxx (yyyy) [Q]... 21

Re: xxxxx (uuuuu) [A]

+ Re: xxxxx (yyyy) ... 15

Re: xxxxx (uuuuu)

+ ZZZZZ (VVVV) ... 7

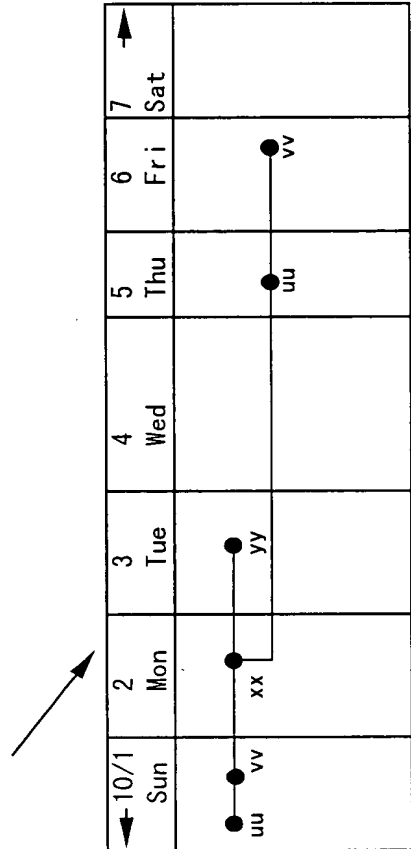
LIST OF TITLES

FURTHERMORE, THOSE  
CONTAINING ... AND  
NOT CONTAINING ...  
ARE SELECTED.

REFINE

FIG. 61

DISPLAY OF TIME INTERVAL THREAD



SCHEDULER						
SUN	MON	TUE	WED	THU	FRI	SAT
	15:00 MEETING	PRESS CONFERENCE	11:30 GROUP MEETING		TRIP	

FIG. 62

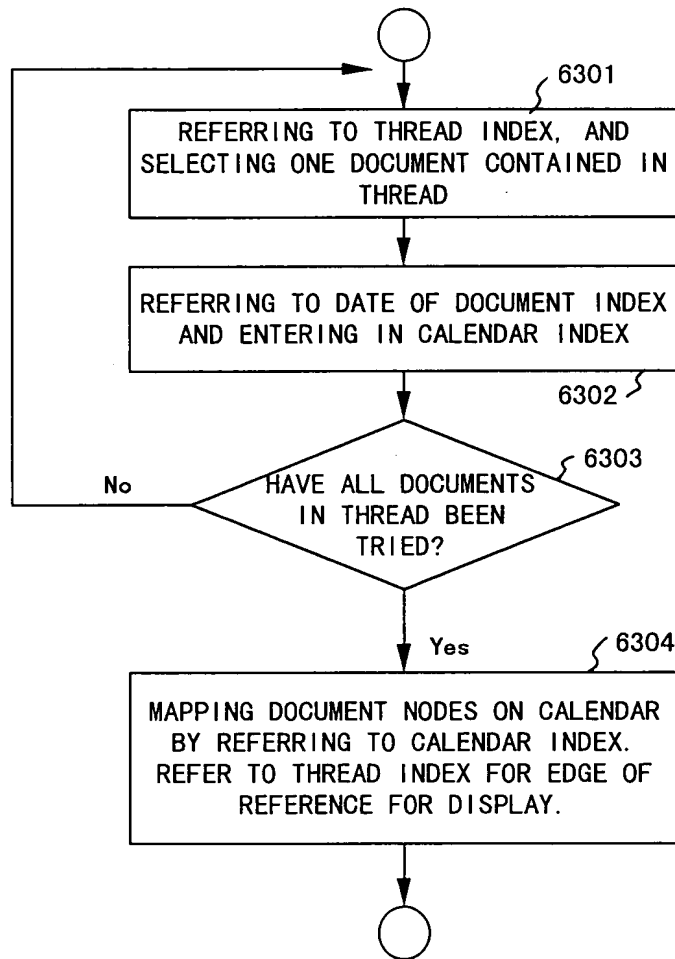


FIG. 63

DATE	MESSAGE ID
10/1	001, 002
10/2	003
10/3	004, 005, 006

FIG. 64



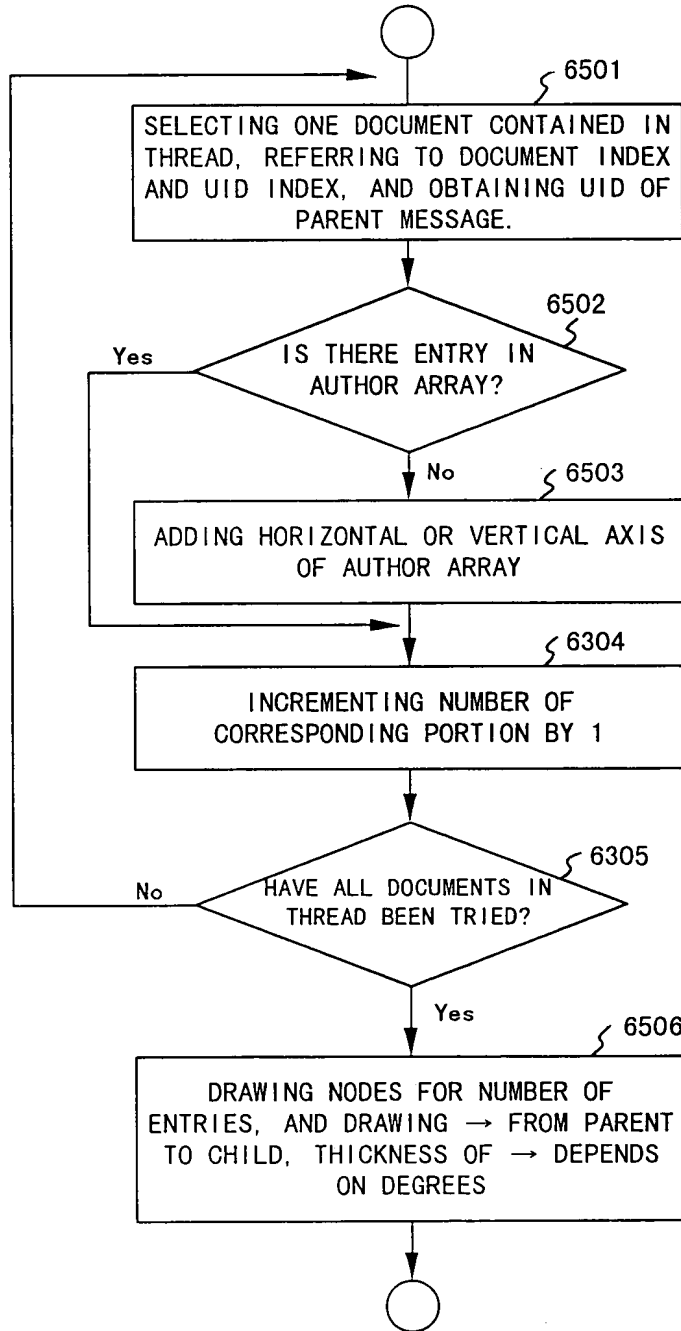


FIG. 65

03043026 032658

PARENT MESSAGE CHILD MESSAGE	AAA		
	BBB		
AAA	0	5	2
BBB	2	1	1
CCC	0	1	0

FIG. 66

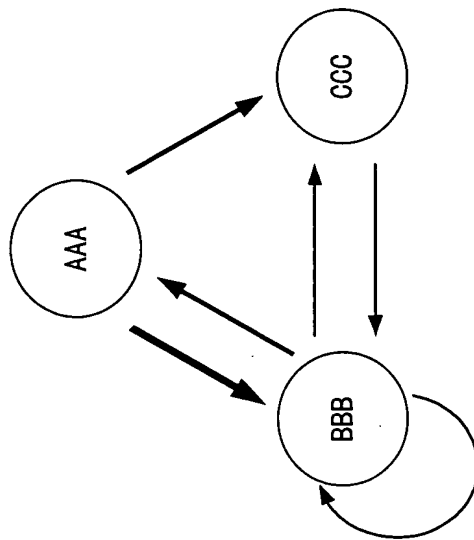


FIG. 67

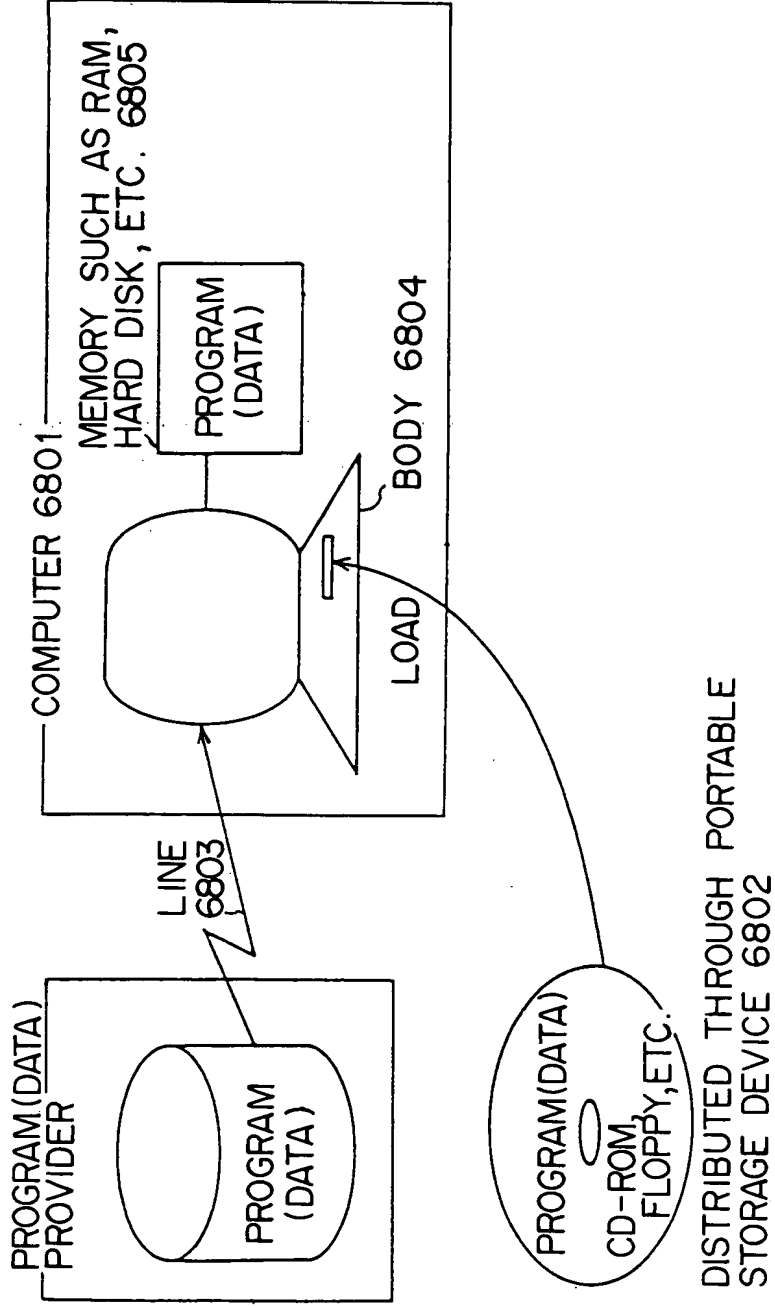


FIG. 68